CITY OF SAN DIEGO

Please see below for key to abbreviations

ANNUAL WATER QUALITY REPORT 1998

PRIMARY STANDARDS (I	Federal MCL MANDATORY HEAL 0.5	State MCL	Filtration Plant Efflue Miramar Alvarado		ents* Otay	State DLRs	MCGL or (PHG)
		LTH RELATED ST 0.5	TANDARDS) CL 0.12	ARITY 0.12	0.1	0.07	
PRIMARY STANDARDS (I	MANDATORY HE	ALTH PELATED S	TANDARDS) MI	CPORIOLOGICAL			
Coliform Bacteria	5.0 % positive	5.0 % positive	No MCL violatio			NS	
E.Coli	Presence	Presence	No MCL violatio	ns for 1998 (e)		NS	
PRIMARY STANDARDS (I	MANDATORY HEA	ALTH RELATED S	TANDARDS) OR	GANIC CHEMICAL	S (ma/l)**		
PESTICIDES			,				
Alachlor	0.002 0.003	0.002 0.003	ND ND	ND ND	ND ND	0.001	(0.004)
Atrazine Chlordane	0.003	0.003	ND ND	ND ND	ND ND	0.001 0.0001	(.0000
Endrin	0.002	0.002	ND	ND	ND	0.0001	.002
Heptachlor	0.0004 0.0002	0.00001 0.00001	ND ND	ND ND	ND ND	0.00001 0.00001	0 0
Heptachlor epoxide Lindane	0.0002	0.00001	ND ND	ND ND	ND ND	0.00001	.0002
Methoxychlor	0.04	0.04	ND	ND	ND	0.01	.04
Molinate	NS	0.02	ND ND	ND ND	ND ND	0.002	004
Simazine Toxaphene	0.004 0.003	0.004 0.003	ND ND	ND ND	ND ND	0.001 0.001	.004 0
ORGANICS							
Hexachlorobenzene	0.001	0.001	ND	ND	ND	0.0005	0
Hexachlorocyclopentadiene Benzene	0.05 0.005	0.05 0.001	ND ND	ND ND	ND ND	0.001 0.0005	.05 0
Carbon Tetrachloride	0.005	0.0005	ND	ND	ND	0.0005	0
1,2-Dichlorobenzene	0.6	0.6	ND	ND	ND	0.0005	(0.6)
1,4-Dichlorobenzene 1,1-Dichloroethane	0.075 NS	0.005 0.005	ND ND	ND ND	ND ND	0.0005 0.0005	(0.006)
1,2-Dichloroethane	0.005	0.0005	ND	ND	ND	0.0005	0
1,1-Dichloroethylene	0.007	0.006	ND	ND	ND	0.0005	.007
cis-1,2-Dichloroethylene rans-1,2-Dichloroethylene	0.07 0.1	0.006 0.01	ND ND	ND ND	ND ND	0.0005 0.0005	.07 .1
Dichloromethane (methylene chlorid		0.005	ND	ND	ND	0.0005	0
1,2-Dichloropropane	0.005	0.005	ND	ND	ND	0.0005	0
1,3-Dichloropropane Ethylbenzene	NS 0.7	0.005 0.7	ND ND	ND ND	ND ND	0.0005 0.0005	(0.3)
Monochlorobenzene	0.1	0.07	ND	ND	ND	0.0005	.1
Styrene	0.1	0.1	ND	ND	ND	0.0005	.1
1,1,2,2-Tetrachloroethane Tetrachloroethylene	NS 0.005	0.001 0.005	ND ND	ND ND	ND ND	0.0005 0.0005	0
Toluene	1.0	0.003	ND	ND	ND	0.0005	1
Total Trihalomethanes (a)	0.1	0.1	0.051	0.070	0.080	0.0005	
1,2,4-Trichlorobenzene 1,1,1-Trichloroethane	0.07 0.2	0.07 0.2	ND ND	ND ND	ND ND	0.0005 0.0005	(0.005)
1,1,2-Trichloroethane	0.005	0.005	ND ND	ND ND	ND ND	0.0005	.003
Trichloroethylene	0.005	0.005	ND	ND	ND	0.0005	0
Trichlorofluoromethane	NS	0.15	ND	ND	ND	0.005	(0.7)
				ND	ND	0.0005	Λ
Vinyl Chloride	0.002 10.0	0.0005 1.75	ND ND	ND ND	ND ND	0.0005 0.0005	0 (1.8)
Vinyl Chloride Total Xylenes	0.002 10.0	0.0005 1.75	ND ND	ND	ND		
Vinyl Chloride Total Xylenes <mark>PRIMARY STANDARDS (I</mark>	0.002 10.0 MANDATORY HE	0.0005 1.75 ALTH RELATED S	ND ND FANDARDS) IN O	ND ORGANIC CHEMICA	ND	0.0005	
Vinyl Chloride Total Xylenes <mark>PRIMARY STANDARDS (I</mark>	0.002 10.0	0.0005 1.75	ND ND	ND	ND ALS (mg/l)		(1.8)
Vinyl Chloride Total Xylenes PRIMARY STANDARDS (I Aluminum Antimony Arsenic	0.002 10.0 MANDATORY HEA 0.05-0.2(#) 0.006 0.05	0.0005 1.75 ALTH RELATED S 1.0 0.006 0.05	ND ND FANDARDS) INC ND ND ND	ND DRGANIC CHEMICA ND ND ND ND	ND ALS (mg/l) ND ND ND	0.005 0.05 0.006 0.002	(1.8)
Vinyl Chloride Total Xylenes PRIMARY STANDARDS (I Aluminum Antimony Arsenic Barium	0.002 10.0 MANDATORY HEA 0.05-0.2(#) 0.006 0.05 2.0	0.0005 1.75 ALTH RELATED S 1.0 0.006 0.05 1.0	ND ND TANDARDS) INC ND ND ND ND	ND DRGANIC CHEMICA ND ND ND ND ND	ND ALS (mg/l) ND ND ND ND ND ND ND	0.005 0.05 0.006 0.002 0.1	(1.8)
Vinyl Chloride Total Xylenes PRIMARY STANDARDS (I Aluminum Antimony Arsenic Barium Beryllium	0.002 10.0 MANDATORY HEA 0.05-0.2(#) 0.006 0.05	0.0005 1.75 ALTH RELATED S 1.0 0.006 0.05	ND ND FANDARDS) INC ND ND ND	ND DRGANIC CHEMICA ND ND ND ND	ND ALS (mg/l) ND ND ND	0.005 0.05 0.006 0.002	(1.8)
Vinyl Chloride Total Xylenes PRIMARY STANDARDS (I Aluminum Antimony Arsenic Barium Beryllium Cadmium Chromium	0.002 10.0 MANDATORY HEA 0.05-0.2(#) 0.006 0.05 2.0 0.004 0.005 0.1	0.0005 1.75 ALTH RELATED S [*] 1.0 0.006 0.05 1.0 0.004 0.005 0.005	ND ND ND ND ND ND ND ND ND ND ND ND	ND DRGANIC CHEMICA ND ND ND ND ND ND ND ND ND N	ND ALS (mg/l) ND ND ND ND ND ND ND ND ND N	0.0005 0.005 0.006 0.002 0.1 0.001 0.001 0.005	(.02) 2 .004 .005 .1
Vinyl Chloride Total Xylenes PRIMARY STANDARDS (I Aluminum Antimony Arsenic Barium Beryllium Chromium Copper	0.002 10.0 MANDATORY HEA 0.05-0.2(#) 0.006 0.05 2.0 0.004 0.005 0.1 1.0 (c)	0.0005 1.75 ALTH RELATED S 1.0 0.006 0.05 1.0 0.004 0.005 0.005 1.0 (c)	ND ND TANDARDS) INC ND ND ND ND ND ND ND ND	ND DRGANIC CHEMICA ND ND ND ND ND ND ND ND ND N	ND ALS (mg/l) ND ND ND ND ND ND ND ND ND N	0.005 0.05 0.006 0.002 0.1 0.001 0.001 0.05 0.1	(1.8) (.02) 2 .004 .005 .1 (0.17)
Vinyl Chloride Total Xylenes PRIMARY STANDARDS (I Aluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Copper Fluoride	0.002 10.0 MANDATORY HEA 0.05-0.2(#) 0.006 0.05 2.0 0.004 0.005 0.1	0.0005 1.75 ALTH RELATED S [*] 1.0 0.006 0.05 1.0 0.004 0.005 0.005	ND ND ND ND ND ND ND ND ND ND ND ND	ND DRGANIC CHEMICA ND ND ND ND ND ND ND ND ND N	ND ALS (mg/l) ND ND ND ND ND ND ND ND ND N	0.0005 0.005 0.006 0.002 0.1 0.001 0.001 0.005	(.02) 2 .004 .005 .1
Vinyl Chloride Total Xylenes PRIMARY STANDARDS (I Aluminum Antimony Arsenic Bervillium Beryllium Cadmium Chromium Copper Fluoride Lead Mercury	0.002 10.0 MANDATORY HEA 0.05-0.2(#) 0.006 0.05 2.0 0.004 0.005 0.1 1.0 (c) 4.0 (2.0#)(b) 0.05/0.015 (c) 0.002	0.0005 1.75 ALTH RELATED ST 1.0 0.006 0.05 1.0 0.004 0.005 0.05 1.0 (c) 1.4-2.4 (b) 1.0 0.002	ND N	ND DRGANIC CHEMICA ND ND ND ND ND ND ND ND ND N	ND ALS (mg/l) ND ND ND ND ND ND ND ND ND N	0.005 0.05 0.006 0.002 0.1 0.001 0.001 0.05 0.1 0.2 0.005 0.005	(1.8) (.02) 2 .004 .005 .1 (0.17) (1)
Vinyl Chloride Total Xylenes PRIMARY STANDARDS (I Aluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Copper Fluoride Lead Mercury Nickel	0.002 10.0 MANDATORY HEA 0.05-0.2(#) 0.006 0.05 2.0 0.004 0.005 0.1 1.0 (c) 4.0 (2.0#)(b) 0.05/0.015 (c) 0.002 0.1	0.0005 1.75 ALTH RELATED S' 1.0 0.006 0.05 1.0 0.004 0.005 0.05 1.0 (c) 1.4-2.4 (b) 1.0 0.002 0.1	ND N	ND DRGANIC CHEMICA ND ND ND ND ND ND ND ND ND N	ND ALS (mg/l) ND ND ND ND ND ND ND ND ND N	0.0005 0.05 0.006 0.002 0.1 0.001 0.005 0.1 0.2 0.005 0.001 0.005	(1.8) (.02) 2 .004 .005 .1 (0.17) (1) (0.002) .002
Vinyl Chloride Total Xylenes PRIMARY STANDARDS (I Aluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Copper Fluoride Lead Mercury Nickel Nitrate (as Nitrate)	0.002 10.0 MANDATORY HEA 0.05-0.2(#) 0.006 0.05 2.0 0.004 0.005 0.1 1.0 (c) 4.0 (2.0#)(b) 0.05/0.015 (c) 0.002	0.0005 1.75 ALTH RELATED ST 1.0 0.006 0.05 1.0 0.004 0.005 0.05 1.0 (c) 1.4-2.4 (b) 1.0 0.002	ND N	ND DRGANIC CHEMICA ND ND ND ND ND ND ND ND ND N	ND ALS (mg/l) ND ND ND ND ND ND ND ND ND N	0.005 0.05 0.006 0.002 0.1 0.001 0.001 0.05 0.1 0.2 0.005 0.005	(1.8) (.02) 2 .004 .005 .1 (0.17) (1) (0.002) .002 (45)
Vinyl Chloride Total Xylenes PRIMARY STANDARDS (I Aluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Chromium Copper Fluoride Lead Mercury Nickel Nitrate (as Nitragen) Selenium	0.002 10.0 MANDATORY HE/ 0.05-0.2(#) 0.006 0.05 2.0 0.004 0.005 0.1 1.0 (c) 4.0 (2.0#)(b) 0.05/0.015 (c) 0.002 0.1 45 1.0 0.05	0.0005 1.75 ALTH RELATED S' 1.0 0.006 0.05 1.0 0.005 0.05 1.0 (c) 1.4-2.4 (b) 1.0 0.002 0.1 45 1.0 0.05	ND N	ND DRGANIC CHEMICA ND ND ND ND ND ND ND ND ND N	ND ALS (mg/l) ND ND ND ND ND ND ND ND ND N	0.0005 0.05 0.006 0.002 0.1 0.001 0.005 0.1 0.2 0.005 0.001 0.005 2.0 0.4 0.005	(1.8) (.02) 2 .004 .005 .1 (0.17) (1) (0.002) .002 (45) (1) .05
Vinyl Chloride Total Xylenes PRIMARY STANDARDS (I Aluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Copper Fluoride Lead Mercury Nickel Nitrate (as Nitrate) Nitrite (as Nitrogen)	0.002 10.0 MANDATORY HE/ 0.05-0.2(#) 0.006 0.05 2.0 0.004 0.005 0.1 1.0 (c) 4.0 (2.0#)(b) 0.05/0.015 (c) 0.002 0.1 45 1.0	0.0005 1.75 ALTH RELATED S 1.0 0.006 0.05 1.0 0.004 0.005 0.05 1.0 (c) 1.4-2.4 (b) 1.0 0.002 0.1 45 1.0	ND N	ND DRGANIC CHEMICA ND ND ND ND ND ND ND ND ND N	ND ALS (mg/l) ND ND ND ND ND ND ND ND ND N	0.005 0.05 0.006 0.002 0.1 0.001 0.005 0.1 0.2 0.005 0.001 0.005 2.0 0.4	(1.8) (.02) 2 .004 .005 .1 (0.17) (1) (0.002) .002 (45) (1)
Vinyl Chloride Total Xylenes PRIMARY STANDARDS (I Aluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Copper Fluoride Lead Mercury Nickel Nitrate (as Nitrate) Nitrite (as Nitrogen) Selenium Thallium SECONDARY STANDARD	0.002 10.0 MANDATORY HEA 0.05-0.2(#) 0.006 0.05 2.0 0.004 0.005 0.1 1.0 (c) 4.0 (2.0#)(b) 0.05/0.015 (c) 0.002 0.1 45 1.0 0.05 0.002	0.0005 1.75 ALTH RELATED S 1.0 0.006 0.05 1.0 0.004 0.005 0.05 1.0 (c) 1.4-2.4 (b) 1.0 0.002 0.1 45 1.0 0.05 0.05 0.002	ND N	ND DRGANIC CHEMICA ND ND ND ND ND ND ND ND ND N	ND ALS (mg/l) ND ND ND ND ND ND ND ND ND N	0.0005 0.005 0.006 0.002 0.1 0.001 0.005 0.1 0.2 0.005 0.001 0.005 2.0 0.4 0.005 0.001	(1.8) (.02) 2 .004 .005 .1 (0.17) (1) (0.002) .002 (45) (1) .05
Vinyl Chloride Total Xylenes PRIMARY STANDARDS (Faluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Chromium Chopper Fluoride Lead Mercury Nickel Nitrate (as Nitrate) Nitrate (as Nitrate) Selenium Thallium SECONDARY STANDARD Chloride	0.002 10.0 MANDATORY HE/ 0.05-0.2(#) 0.006 0.05 2.0 0.004 0.005 0.1 1.0 (c) 4.0 (2.0#)(b) 0.05/0.015 (c) 0.002 0.1 45 1.0 0.05 0.002	0.0005 1.75 ALTH RELATED S' 1.0 0.006 0.05 1.0 0.004 0.005 0.05 1.0 (c) 1.4-2.4 (b) 1.0 0.002 0.1 45 1.0 0.05 0.002 STANDARDS (mg/l 250(#)	ND N	ND DRGANIC CHEMICA ND ND ND ND ND ND ND ND ND N	ND ALS (mg/l) ND ND ND ND ND ND ND ND ND N	0.0005 0.05 0.006 0.002 0.1 0.001 0.001 0.05 0.1 0.2 0.005 0.001 0.005 2.0 0.4 0.005 0.001	(1.8) (.02) 2 .004 .005 .1 (0.17) (1) (0.002) .002 (45) (1) .05
Vinyl Chloride Total Xylenes PRIMARY STANDARDS (I Aluminum Antimony Arsenic Beryllium Cadmium Chromium Chromium Copper Fluoride Lead Mercury Nickel Nitrate (as Nitrate) Nitrate (as Nitrogen) Selenium Thallium SECONDARY STANDARD Chloride Color (units)	0.002 10.0 MANDATORY HE/ 0.05-0.2(#) 0.006 0.05 2.0 0.004 0.005 0.1 1.0 (c) 4.0 (2.0#)(b) 0.05/0.015 (c) 0.002 0.1 45 1.0 0.05 0.002 0.1 250 0.002	0.0005 1.75 ALTH RELATED ST 1.0 0.006 0.05 1.0 0.004 0.005 0.05 1.0 (c) 1.4-2.4 (b) 1.0 0.002 0.1 45 1.0 0.05 0.05 0.005 1.0 (c)	ND N	ND DRGANIC CHEMICA ND ND ND ND ND ND ND ND ND N	ND ALS (mg/l) ND ND ND ND ND ND ND ND ND N	0.0005 0.05 0.006 0.002 0.1 0.001 0.005 0.1 0.2 0.005 0.001 0.005 2.0 0.4 0.005 0.001	(1.8) (.02) 2 .004 .005 .1 (0.17) (1) (0.002) .002 (45) (1) .05
Vinyl Chloride Fotal Xylenes PRIMARY STANDARDS (I Aluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Copper Fluoride Lead Mercury Nickel Nitrate (as Nitrate) Nitritie (as Nitrogen) Selenium Thallium SECONDARY STANDARD Chloride Color (units) Fon Manganese	0.002 10.0 MANDATORY HEA 0.05-0.2(#) 0.006 0.05 2.0 0.004 0.005 0.1 1.0 (c) 4.0 (2.0#)(b) 0.05/0.015 (c) 0.002 0.1 45 1.0 0.05 0.002 0.5 0.002 0.5 0.002 0.5 0.002	0.0005 1.75 ALTH RELATED S 1.0 0.006 0.05 1.0 0.004 0.005 0.05 1.0 (c) 1.4-2.4 (b) 1.0 0.002 0.1 45 1.0 0.05 0.05 0.05 0.05 0.05 0.002 STANDARDS (mg/l 250(#) 15 0.3 0.05	ND N	ND DRGANIC CHEMICA ND ND ND ND ND ND ND ND ND N	ND ALS (mg/l) ND ND ND ND ND ND ND ND ND N	0.0005 0.05 0.006 0.002 0.1 0.001 0.005 0.1 0.2 0.005 0.001 0.005 2.0 0.4 0.005 0.001 6.25 1.0 0.05 0.03	(1.8) (.02) 2 .004 .005 .1 (0.17) (1) (0.002) .002 (45) (1) .05
Vinyl Chloride Total Xylenes PRIMARY STANDARDS (I Aluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Copper Fluoride Lead Mercury Nickel Nitrate (as Nitrate) Nitrite (as Nitrogen) Selenium Thallium SECONDARY STANDARD Chloride Color (units) Iron Manganese Odor Threshold (units)	0.002 10.0 MANDATORY HE/ 0.05-0.2(#) 0.006 0.05 2.0 0.004 0.005 0.1 1.0 (c) 4.0 (2.0#)(b) 0.05/0.015 (c) 0.002 0.1 45 1.0 0.05 0.002 0.1 250 15 0.3 0.05 3.0	0.0005 1.75 ALTH RELATED S 1.0 0.006 0.05 1.0 0.004 0.005 0.05 1.0 (c) 1.4-2.4 (b) 1.0 0.002 0.1 45 1.0 0.05 0.002 STANDARDS (mg/l 250(#) 15 0.3 0.05 3.0	ND N	ND DRGANIC CHEMICA ND ND ND ND ND ND ND ND ND N	ND ALS (mg/l) ND ND ND ND ND ND ND ND ND N	0.0005 0.005 0.006 0.002 0.1 0.001 0.005 0.1 0.2 0.005 0.001 0.005 2.0 0.4 0.005 0.001 0.005 0.001 0.005 0.001 0.005 0.001	(1.8) (.02) 2 .004 .005 .1 (0.17) (1) (0.002) .002 (45) (1) .05
Vinyl Chloride Fotal Xylenes PRIMARY STANDARDS (Faluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Chromium Copper Fluoride Lead Mercury Nickel Nitrate (as Nitrate) Nitrate (as Nitrate) Selenium Thallium SECONDARY STANDARD Chloride Color (units) ron Manganese Odor Threshold (units) DH (units)	0.002 10.0 MANDATORY HE/ 0.05-0.2(#) 0.006 0.05 2.0 0.004 0.005 0.1 1.0 (c) 4.0 (2.0#)(b) 0.05/0.015 (c) 0.002 0.1 45 1.0 0.05 0.002 0.1 250 15 0.3 0.05 3.0 6.5-8.5	0.0005 1.75 ALTH RELATED S 1.0 0.006 0.05 1.0 0.005 0.05 1.0 (c) 1.4-2.4 (b) 1.0 0.002 0.1 45 1.0 0.05 0.005 0.005 STANDARDS (mg/l 250(#) 15 0.3 0.05 3.0 6.5-8.5	ND N	ND DRGANIC CHEMICA ND ND ND ND ND ND ND ND ND N	ND ALS (mg/l) ND ND ND ND ND ND ND ND ND N	0.0005 0.05 0.006 0.002 0.1 0.001 0.005 0.1 0.2 0.005 0.001 0.005 2.0 0.4 0.005 0.001 0.005 0.001 0.005 0.001 0.005 0.001 0.005 0.001	(1.8) (.02) 2 .004 .005 .1 (0.17) (1) (0.002) .002 (45) (1) .05
Vinyl Chloride Fotal Xylenes PRIMARY STANDARDS (Faluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Copper Fluoride Lead Mercury Nickel Nitrate (as Nitrate) Nitrite (as Nitrogen) Selenium Thallium SECONDARY STANDARD Chloride Color (units) Iron Manganese Dodor Threshold (units) Silver	0.002 10.0 MANDATORY HE/ 0.05-0.2(#) 0.006 0.05 2.0 0.004 0.005 0.1 1.0 (c) 4.0 (2.0#)(b) 0.05/0.015 (c) 0.002 0.1 45 1.0 0.05 0.002 0.1 250 15 0.3 0.05 3.0	0.0005 1.75 ALTH RELATED S 1.0 0.006 0.05 1.0 0.004 0.005 0.05 1.0 (c) 1.4-2.4 (b) 1.0 0.002 0.1 45 1.0 0.05 0.002 STANDARDS (mg/l 250(#) 15 0.3 0.05 3.0	ND N	ND DRGANIC CHEMICA ND ND ND ND ND ND ND ND ND N	ND ALS (mg/l) ND ND ND ND ND ND ND ND ND N	0.0005 0.005 0.006 0.002 0.1 0.001 0.005 0.1 0.2 0.005 0.001 0.005 2.0 0.4 0.005 0.001 0.005 0.001 0.005 0.001 0.005 0.001	(1.8) (.02) 2 .004 .005 .1 (0.17) (1) (0.002) .002 (45) (1) .05
Vinyl Chloride Total Xylenes PRIMARY STANDARDS (I Aluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Copper Fluoride Lead Mercury Nickel Nitrate (as Nitrate) Nitrite (as Nitrogen) Selenium Thallium SECONDARY STANDARD Chloride Color (units) Iron Manganese Odor Threshold (units) DH (units) Silver Specific Conductance (umho/cm) Sulfate	0.002 10.0 MANDATORY HE 0.05-0.2(#) 0.006 0.05 2.0 0.004 0.005 0.1 1.0 (c) 4.0 (2.0#)(b) 0.05/0.015 (c) 0.002 0.1 45 1.0 0.05 0.002 0.1 45 1.0 0.05 0.002 0.1 1.0 0.05 0.002 0.1 NS 250 15 0.3 0.05 3.0 6.5-8.5 0.1 NS 250	0.0005 1.75 ALTH RELATED S 1.0 0.006 0.05 1.0 0.005 0.05 1.0 (c) 1.4-2.4 (b) 1.0 0.002 0.1 45 1.0 0.05 0.005 0.05 3.0 6.5-8.5 0.1 900(#) 250(#)	ND N	ND DRGANIC CHEMICA ND ND ND ND ND ND ND ND ND N	ND ALS (mg/l) ND ND ND ND ND ND ND ND ND N	0.0005 0.05 0.006 0.002 0.1 0.001 0.005 0.1 0.2 0.005 0.001 0.005 2.0 0.4 0.005 0.001 6.25 1.0 0.05 0.03 1.0 NS 0.01 NS 2.5	(1.8) (.02) 2 .004 .005 .1 (0.17) (1) (0.002) .002 (45) (1) .05
Vinyl Chloride Fotal Xylenes PRIMARY STANDARDS (Faluminum Antimony Arsenic Barrium Beryllium Cadmium Chromium Chromium Chromium Copper Fluoride Lead Mercury Mickel Mitrate (as Nitrate) Mitrate (as Nitrate) Mitrate (as Nitrogen) Selenium Fhallium SECONDARY STANDARD Chloride Color (units) Fron Manganese Codor Threshold (units) DH (units) Silver Specific Conductance (umho/cm) Sulfate Fotal Solids	0.002 10.0 MANDATORY HE/ 0.05-0.2(#) 0.006 0.05 2.0 0.004 0.005 0.1 1.0 (c) 4.0 (2.0#)(b) 0.05/0.015 (c) 0.002 0.1 45 1.0 0.05 0.002 0.5 250 15 0.3 0.05 3.0 6.5-8.5 0.1 NS	0.0005 1.75 ALTH RELATED S 1.0 0.006 0.05 1.0 0.005 0.05 1.0 (c) 1.4-2.4 (b) 1.0 0.002 0.1 45 1.0 0.05 0.005 0.05 1.0 (c) 5TANDARDS (mg/l 250(#) 15 0.3 0.05 3.0 6.5-8.5 0.1 900(#)	ND N	ND DRGANIC CHEMICA ND ND ND ND ND ND ND ND ND N	ND ALS (mg/l) ND ND ND ND ND ND ND ND ND N	0.0005 0.05 0.006 0.002 0.1 0.001 0.001 0.005 0.1 0.2 0.005 0.001 0.005 2.0 0.4 0.005 0.001 6.25 1.0 0.05 0.03 1.0 NS 0.01 NS	(1.8) (.02) 2 .004 .005 .1 (0.17) (1) (0.002) .002 (45) (1) .05
Vinyl Chloride Total Xylenes PRIMARY STANDARDS (I Aluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Copper Fluoride Lead Mercury Nickel Nitrate (as Nitrate) Nitrite (as Nitrogen) Selenium Thallium SECONDARY STANDARD Chloride Color (units) Iron Manganese Odor Threshold (units) DH (units) Silver Specific Conductance (umho/cm) Sulfate Total Solids Zinc	0.002 10.0 MANDATORY HE 0.05-0.2(#) 0.006 0.05 2.0 0.004 0.005 0.1 1.0 (c) 4.0 (2.0#)(b) 0.05/0.015 (c) 0.002 0.1 45 1.0 0.05 0.002 0.5 250 15 0.3 0.05 3.0 6.5-8.5 0.1 NS 250 500/1000(d) .05	0.0005 1.75 ALTH RELATED S 1.0 0.006 0.05 1.0 0.005 0.05 1.0 (c) 1.4-2.4 (b) 1.0 0.002 0.1 45 1.0 0.05 0.005 0.002 STANDARDS (mg/l 250(#) 15 0.3 0.05 3.0 6.5-8.5 0.1 900(#) 250(#) 500/1000(d)	ND N	ND DRGANIC CHEMICA ND ND ND ND ND ND ND ND ND N	ND ALS (mg/l) ND ND ND ND ND ND ND ND ND N	0.0005 0.05 0.006 0.002 0.1 0.001 0.005 0.1 0.2 0.005 0.001 0.005 2.0 0.4 0.005 0.001 0.005 0.001 0.005 0.001 0.005 0.001 0.005 0.001	(1.8) (.02) 2 .004 .005 .1 (0.17) (1) (0.002) .002 (45) (1) .05
Vinyl Chloride Total Xylenes PRIMARY STANDARDS (I Aluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Copper Fluoride Lead Mercury Nickel Nitrate (as Nitrate) Nitrite (as Nitrogen) Selenium Thallium SECONDARY STANDARD Chloride Color (units) Iron Manganese Odor Threshold (units) Del (units) Silver Specific Conductance (umho/cm) Sulfate Total Solids Zinc ADDITIONAL PARAMETE	0.002 10.0 MANDATORY HE 0.05-0.2(#) 0.006 0.05 2.0 0.004 0.005 0.1 1.0 (c) 4.0 (2.0#)(b) 0.05/0.015 (c) 0.002 0.1 45 1.0 0.05 0.002 0.1 45 0.05 0.002 0.1 NS 250 15 0.3 0.05 3.0 6.5-8.5 0.1 NS 250 500/1000(d) 0.05 RS (mg/l)	0.0005 1.75 ALTH RELATED S 1.0 0.006 0.05 1.0 0.004 0.005 0.05 1.0 (c) 1.4-2.4 (b) 1.0 0.002 0.1 45 1.0 0.05 0.002 STANDARDS (mg/l 250(#) 15 0.3 0.05 3.0 6.5-8.5 0.1 900(#) 250(#) 500/1000(d) .05	ND N	ND DRGANIC CHEMICA ND ND ND ND ND ND ND ND ND N	ND ALS (mg/l) ND ND ND ND ND ND ND ND ND N	0.0005 0.05 0.006 0.002 0.1 0.001 0.001 0.005 0.1 0.2 0.005 0.001 0.005 2.0 0.4 0.005 0.001 6.25 1.0 0.05 0.03 1.0 NS 0.01 NS 0.01 NS 0.01 NS 0.01 NS 0.05	(1.8) (.02) 2 .004 .005 .1 (0.17) (1) (0.002) .002 (45) (1) .05
Vinyl Chloride Fotal Xylenes PRIMARY STANDARDS (FAluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Copper Fluoride Lead Mercury Nickel Nitrate (as Nitrate) Nitrite (as Nitrogen) Selenium Fhallium SECONDARY STANDARD Chloride Color (units) ron Manganese Odor Threshold (units) Dil (units) Silver Specific Conductance (umho/cm) Sulfate Fotal Solids Zinc ADDITIONAL PARAMETE Alkalinity as CaCO3	0.002 10.0 MANDATORY HE 0.05-0.2(#) 0.006 0.05 2.0 0.004 0.005 0.1 1.0 (c) 4.0 (2.0#)(b) 0.05/0.015 (c) 0.002 0.1 45 1.0 0.05 0.002 0.5 250 15 0.3 0.05 3.0 6.5-8.5 0.1 NS 250 500/1000(d) .05	0.0005 1.75 ALTH RELATED S 1.0 0.006 0.05 1.0 0.005 0.05 1.0 (c) 1.4-2.4 (b) 1.0 0.002 0.1 45 1.0 0.05 0.005 0.002 STANDARDS (mg/l 250(#) 15 0.3 0.05 3.0 6.5-8.5 0.1 900(#) 250(#) 500/1000(d)	ND N	ND DRGANIC CHEMICA ND ND ND ND ND ND ND ND ND N	ND ALS (mg/l) ND ND ND ND ND ND ND ND ND N	0.0005 0.05 0.006 0.002 0.1 0.001 0.005 0.1 0.2 0.005 0.001 0.005 2.0 0.4 0.005 0.001 0.005 0.001 0.005 0.001 0.005 0.001 0.005 0.001	(1.8) (.02) 2 .004 .005 .1 (0.17) (1) (0.002) .002 (45) (1) .05
Vinyl Chloride Total Xylenes PRIMARY STANDARDS (I Aluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Copper Fluoride Lead Mercury Nickel Nitrate (as Nitrate) Nitrate (as Nitrogen) Selenium Thallium SECONDARY STANDARD Chloride Color (units) Iron Manganese Odor Threshold (units) pH (units) Silver Specific Conductance (umho/cm) Sulfate Total Solids Zinc ADDITIONAL PARAMETE Alkalinity as CaCO3 Calcium Hardness as CaCO3	0.002 10.0 MANDATORY HE 0.05-0.2(#) 0.006 0.05 2.0 0.004 0.005 0.1 1.0 (c) 4.0 (2.0#)(b) 0.05/0.015 (c) 0.002 0.1 45 1.0 0.05 0.002 0.5 250 15 0.3 0.05 3.0 6.5-8.5 0.1 NS 250 500/1000(d) 0.05 RS (mg/l) NS NS	0.0005 1.75 ALTH RELATED S 1.0 0.006 0.05 1.0 0.005 0.05 1.0 (c) 1.4-2.4 (b) 1.0 0.002 0.1 45 1.0 0.05 0.002 STANDARDS (mg/l 250(#) 15 0.3 0.05 3.0 6.5-8.5 0.1 900(#) 250(#) 500/1000(d) 0.05 NS NS NS	ND N	ND DRGANIC CHEMICA ND ND ND ND ND ND ND ND ND N	ND ALS (mg/l) ND ND ND ND ND ND ND ND ND N	0.0005 0.05 0.006 0.002 0.1 0.001 0.005 0.1 0.2 0.005 0.001 0.005 2.0 0.4 0.005 0.001 0.05 0.001 0.05 0.001 0.05 0.001 0.05 0.001 0.05 0.001 0.05 0.001 0.05 0.03 1.0 0.5 0.03 1.0 0.5 0.05 0.05 0.01 0.05 0.01 0.05 0.03 1.0 0.6	(1.8) (.02) 2 .004 .005 .1 (0.17) (1) (0.002) .002 (45) (1) .05
Vinyl Chloride Total Xylenes PRIMARY STANDARDS (I Aluminum Antimony Arsenic Baraium Beryllium Cadmium Chromium Copper Fluoride Lead Mercury Nickel Nitrate (as Nitrate) Nitrite (as Nitrogen) Selenium Thallium SECONDARY STANDARD Chloride Color (units) Iron Manganese Odor Threshold (units) oH (units) Silver Specific Conductance (umho/cm) Sulfate Total Solids Zinc ADDITIONAL PARAMETE Alkalinity as CaCO3 Calcium Hardness as CaCO3 Magnesium	0.002 10.0 MANDATORY HE 0.05-0.2(#) 0.006 0.05 2.0 0.004 0.005 0.1 1.0 (c) 4.0 (2.0#)(b) 0.05/0.015 (c) 0.002 0.1 45 1.0 0.05 0.002 0.1 45 1.0 0.05 0.002 0.1 NS 250 15 0.3 0.05 3.0 6.5-8.5 0.1 NS 250 500/1000(d) .05 RS (mg/l) NS NS NS	0.0005 1.75 ALTH RELATED S 1.0 0.006 0.05 1.0 0.004 0.005 0.05 1.0 (c) 1.4-2.4 (b) 1.0 0.002 0.1 45 1.0 0.05 0.002 STANDARDS (mg/l 250(#) 15 0.3 0.05 3.0 6.5-8.5 0.1 900(#) 500/1000(d) 0.05 NS NS NS NS	ND N	ND DRGANIC CHEMICA ND ND ND ND ND ND ND ND ND N	ND ALS (mg/l) ND ND ND ND ND ND ND ND ND N	0.0005 0.05 0.006 0.002 0.1 0.001 0.005 0.1 0.2 0.005 0.001 0.005 2.0 0.4 0.005 0.001 0.05 0.001 NS 0.01 NS 0.01 NS 0.01 NS 0.05 5.0 1.0 0.6 3.0	(1.8) (.02) 2 .004 .005 .1 (0.17) (1) (0.002) .002 (45) (1) .05
Vinyl Chloride Total Xylenes PRIMARY STANDARDS (I Aluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Copper Fluoride Lead Mercury Nickel Nitrate (as Nitrate) Nitrite (as Nitrogen) Selenium	0.002 10.0 MANDATORY HE 0.05-0.2(#) 0.006 0.05 2.0 0.004 0.005 0.1 1.0 (c) 4.0 (2.0#)(b) 0.05/0.015 (c) 0.002 0.1 45 1.0 0.05 0.002 0.5 250 15 0.3 0.05 3.0 6.5-8.5 0.1 NS 250 500/1000(d) 0.05 RS (mg/l) NS NS	0.0005 1.75 ALTH RELATED S 1.0 0.006 0.05 1.0 0.005 0.05 1.0 (c) 1.4-2.4 (b) 1.0 0.002 0.1 45 1.0 0.05 0.002 STANDARDS (mg/l 250(#) 15 0.3 0.05 3.0 6.5-8.5 0.1 900(#) 250(#) 500/1000(d) 0.05 NS NS NS	ND N	ND DRGANIC CHEMICA ND ND ND ND ND ND ND ND ND N	ND ALS (mg/l) ND ND ND ND ND ND ND ND ND N	0.0005 0.05 0.006 0.002 0.1 0.001 0.005 0.1 0.2 0.005 0.001 0.005 2.0 0.4 0.005 0.001 0.05 0.001 0.05 0.001 0.05 0.001 0.05 0.001 0.05 0.001 0.05 0.001 0.05 0.03 1.0 0.5 0.03 1.0 0.5 0.05 0.05 0.01 0.05 0.01 0.05 0.03 1.0 0.6	(1.8) (.02) 2 .004 .005 .1 (0.17) (1) (0.002) .002 (45) (1) .05

MCL = Maximum Contaminant Level

ND = Monitored but None Detected at RDL levels (RDLs are listed)

NS = No Standard
DLR = Detection Limit for Reporting

DLR = Detection Limit for Reporting
NTU = Nephelometric Turbidity Unit
mg/l = milligrams per liter (parts per million)
CFU/100ml = A measure of colony-forming units per 100 milliliters using the membrane filter technique for coliform analysis.
umho/cm = micromnos per centimeter
* = Data shown are annual averages and ranges
** = Compliance is based on running an average of quarterly distribution samples.
** = Recommended, non-enforceable standards.
= Recommended maximum level

- # = Recommended maximum level.
- (a) = Total Trihalomethanes are calculated based on runnin an average of quarterly distribution samples.
 (b) = Federal level of 2.0 mg/l is a secondary aesthetic standard. State level is dependent upon air temperature.

- (c) = The Federal and State standards for lead and copper are treatment techniques requiring agencies to optimize corrosion control treatment. Action level = 0.015, MCL = 0.05.
 (d) = Recommended = 500. Upper limit = 1000. Short Term = 1500.
 (e) = Total Coliform MCL: if > or = 5.0 % monthly samples collected are Total Coliform positive. E. Coli MCL: E Coli positive followed by any positive or presence of Total Coliform or E Coli. Total Coliform

followed by an E. Coli positive.

MCGL = The level of a contaminant in drinking water below which there are no known or expected risks to health. MCLGs are set by the U.S. Environmental Protection Agency.

PHG = The level of a containmant in drinking water below which there are no known or expected risks to health. PHGs are set by the California Environmental Protection Agency.